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BOX SEQUENCE

PATENT

4045-0109P

Box Sef
1635

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: DOUGAN, Alfred et al. Conf.: 7800

Appl. No.: 09/599,220 Group: 1635

Filed: June 22, 2000 Examiner: MCGARRY, S

For: EXTENDING THE LIFETIME OF ANTICOAGULANT
OLIGODEOXYNUCLEOTIDE APTAMERS IN BLOOD

SMALL ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents
Washington, DC 20231

October 15, 2001
(Monday)

Sir:

Transmitted herewith is an amendment in the above-identified application.

Applicant claims small entity status under 37 C.F.R. § 1.27.

The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | | | PRESENT EXTRA | RATE | ADDITIONAL FEE |
|--|---|---|----|---|------------------|-------|-------------------|
| TOTAL | 41 | - | 41 | = | 0 | \$ 9 | \$0.00 |
| INDEPENDENT | 2 | - | 3 | = | 0 | \$ 40 | \$0.00 |
| FIRST PRESENTATION OF A MULTIPLE CLAIM | | | | | | \$135 | \$0.00 |
| | | | | | | TOTAL | \$0.00 |

Petition for () month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.

No fee is required.

A check in the amount of \$0.00 is enclosed.

Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Mark J. Nuell
Mark J. Nuell, #36,623

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(703) 205-8000

DRN/BCF
4045-0109P

Attachment

(Rev. 01/22/01)



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BOX SEQUENCE
PATENT
4045-0109P

#9/A
BP
10/18/01

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: DOUGAN, Alfred et al. Conf.: 7800

Appl. No.: 09/599,220 Group: 1635

Filed: June 22, 2000 Examiner: MCGARRY, S

For: EXTENDING THE LIFETIME OF ANTICOAGULANT
OLIGODEOXYNUCLEOTIDE APTAMERS IN BLOOD

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

October 15, 2001
(Monday)

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed September 14, 2001, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

In the Specification:

Please replace the paragraph beginning on page 5, line 18, with the following amended paragraph:

-- Two aptamers have been shown to have thrombin binding properties. Aptamer d(GGTTGGTGTGGTTGG) (SEQ ID NO:1) (ODN 1a) is

[Handwritten signature]